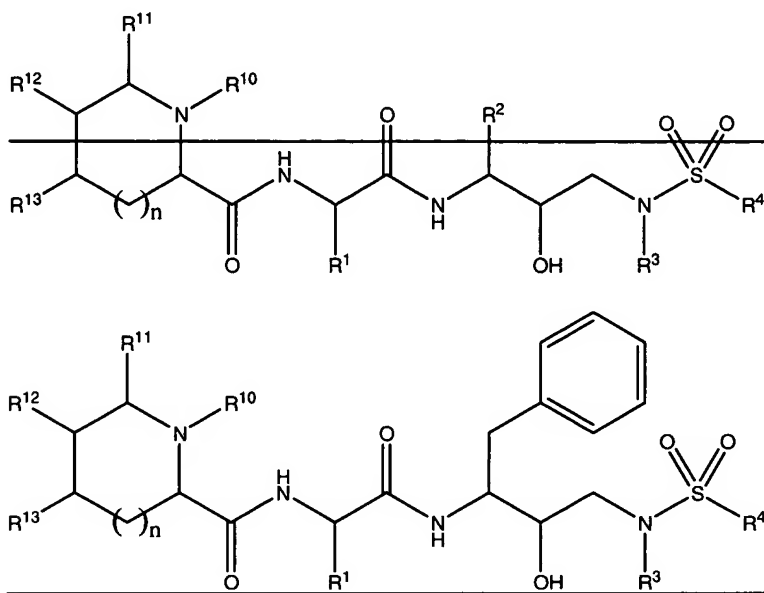


This Listing of Claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claim 1 (currently amended): A ~~C~~compound represented by the formula:



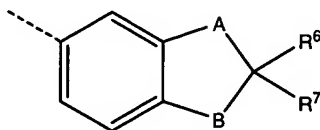
or a pharmaceutically acceptable salt, prodrug or ester thereof, wherein n represents 0 or 1;

R¹ represents alkyl of 1-5 carbon atoms, alkenyl of 2-5 carbon atoms, alkynyl of 2-5 carbon atoms, hydroxyalkyl of 1-3 carbon atoms, alkoxyalkyl of 1-3 alkyl carbon atoms and 1-3 alkoxy carbon atoms, cyanoalkyl of 1-3 alkyl carbon atoms, imidazolylmethyl, -CH₂CONH₂, -CH₂CH₂CONH₂, -CH₂S(O)₂NH₂, -CH₂SCH₃, -CH₂S(O)CH₃, -CH₂S(O)₂CH₃, -C(CH₃)₂SCH₃, -C(CH₃)₂S(O)CH₃ or -C(CH₃)₂S(O)₂CH₃ radicals;

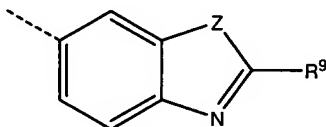
~~R² represents radicals of alkyl of 1-5 carbon atoms, aralkyl of 1-3 alkyl carbon atoms, alkylthioalkyl of 1-3 alkyl carbon atoms, arylthioalkyl of 1-3 alkyl carbon atoms or cycloalkylalkyl of 1-3 alkyl carbon atoms and 3-6 ring member carbon atoms;~~

R³ represents ~~radicals of~~ alkyl radical of 1-5 carbon atoms, cycloalkyl of 5-8 ring members or cycloalkylmethyl radical of 3-6 ring members;

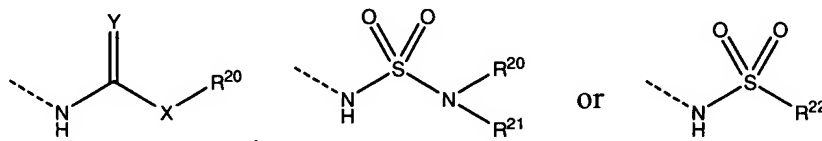
R⁴ represents aryl, benzo fused 5 to 6 ring member heteroaryl or benzo fused 5 to 6 ring member heterocyclo radicals; or a radical of the formula



wherein A and B each independently represent O, S, SO or SO₂; R⁶ represents deuterium, alkyl of 1-5 carbon atoms, fluoro or chloro radicals; R⁷ represents hydrogen, deuterium, methyl, fluoro or chloro radicals; or a radical of the formula



wherein Z represents O, S or NH; and R⁹ represents a radical of formula



wherein Y represents O, S or NH; X represents a bond, O or NR²¹;

R²⁰ represents a hydrogen radical, alkyl of 1 to 5 carbon atoms, alkenyl of 2 to 5 carbon atoms, alkynyl of 2 to 5 carbon atoms, aralkyl of 1 to 5 alkyl carbon atoms, heteroaralkyl of 5 to 6 ring members and 1 to 5 alkyl carbon atoms, heterocycloalkyl of 5 to 6 ring members and 1 to 5 alkyl carbon atoms, aminoalkyl of 2 to 5 carbon atoms, N-mono-substituted or N,N-disubstituted aminoalkyl of 2 to 5 alkyl carbon atoms wherein said substituents are radicals of alkyl of 1 to 3 carbon atoms, aralkyl of 1 to 3 alkyl carbon atoms, carboxyalkyl of 1 to 5 carbon atoms, alkoxycarbonylalkyl of 1 to 5 alkyl carbon atoms, cyanoalkyl of 1 to 5 carbon atoms or hydroxyalkyl of 2 to 5 carbon atoms;

R²¹ represents a hydrogen radical or alkyl radical of 1 to 3 carbon atoms; or the radical of formula -NR²⁰ R²¹ represents a 5 to 6 ring member heterocyclo radical; and

R²² represents alkyl radical of 1 to 3 carbon atoms or an -R²⁰ R²¹ N-alkyl radical of 1 to 3 alkyl carbon atoms;

R¹⁰ represents a hydrogen radical, alkyl of 1-3 carbon atoms, benzyl, phenylmethoxycarbonyl, tert-butoxycarbonyl or (4-methoxyphenylmethoxy) carbonyl radicals;

R¹¹ represents a hydrogen radical, hydroxyalkyl of 1-3 carbon atoms or alkoxyalkyl ~~radicals~~, ~~wherein alkyl is of 1-3 alkyl~~ carbon atoms; and

R¹² and R¹³ each independently represent a hydrogen radical, hydroxy, alkoxy of 1-3 carbon atoms, 2-hydroxyethoxy, hydroxyalkyl of 1-3 carbon atoms or alkoxyalkyl of 1-3 alkyl carbon atoms ~~radicals~~, ~~wherein alkyl is 1-3 carbon atoms~~; or R¹¹ and R¹² or R¹² and R¹³ along with the carbon atoms to which they are attached represent a benzo radical, which is optionally substituted with at least one hydroxy or alkoxy ~~radical~~ of 1-3 carbon atoms.

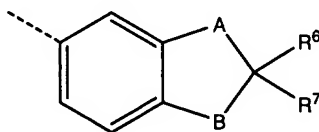
Claim 2 (currently amended): The ~~Compound~~ of claim 1, or a pharmaceutically acceptable salt, prodrug or ester thereof, wherein

R¹ represents alkyl of 1-4 carbon atoms, alkenyl of 2-3 carbon atoms, alkynyl of 3-4 carbon atoms, cyanomethyl, imidazolylmethyl, -CH₂CONH₂, -CH₂CH₂CONH₂, -CH₂S(O)₂NH₂, -CH₂SCH₃, -CH₂S(O)CH₃, -CH₂S(O)₂CH₃, -C(CH₃)₂SCH₃, -C(CH₃)₂S(O)CH₃ or -C(CH₃)₂S(O)₂CH₃ ~~radicals~~; and

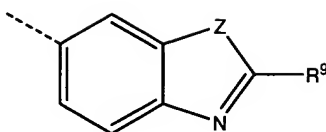
~~R² represents radicals of alkyl of 3-5 carbon atoms, arylmethyl, alkylthioalkyl of 1-3 alkyl carbon atoms, arylthiomethyl or cycloalkylmethyl of 5-6 ring member carbon atoms radicals;~~

R³ represents alkyl of 1-5 carbon atoms, cycloalkylmethyl of 3-6 ring members, cyclohexyl or cycloheptyl ~~radicals~~;

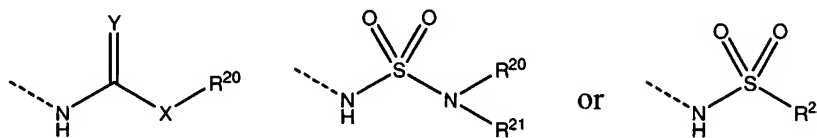
R⁴ represents phenyl, 2-naphthyl, 4-methoxyphenyl, 4-hydroxyphenyl, 3,4-dimethoxyphenyl, 3-aminophenyl, 4-aminophenyl, 2-amino-benzothiazol-5-yl, 2-amino-benzothiazol-6-yl, benzothiazol-5-yl, benzothiazol-6-yl, benzoxazol-5-yl, 2,3-dihydrobenzofuran-5-yl, benzofuran-5-yl, 1,3-benzodioxol-5-yl or 1,4-benzodioxan-6-yl radicals, or a radical of the formula



wherein A and B each represent O; R⁶ represents deuterium, methyl, ethyl, propyl, isopropyl or fluoro ~~radicals~~; and R⁷ represents hydrogen, deuterium, methyl or fluoro ~~radicals~~; or a radical of the formula



wherein Z represents O, S or NH; and R⁹ represents a radical of formula



wherein Y represents O, S or NH; X represents a bond, O or NR²¹;

R²⁰ represents a hydrogen radical, alkyl of 1 to 5 carbon atoms, phenylalkyl of 1 to 3 alkyl carbon atoms, heterocycloalkyl of 5 to 6 ring members and 1 to 3 alkyl carbon atoms, or N-mono-substituted or N,N-disubstituted aminoalkyl of 2 to 3 alkyl carbon atoms wherein said substituents are alkyl radicals of 1 to 3 carbon atoms; and

R²¹ represents a hydrogen radical or methyl radicals; or the radical of formula -NR²⁰R²¹ represents pyrrolidinyl, piperidinyl, piperazinyl, 4-methylpiperazinyl, 4-benzylpiperazinyl, morpholinyl or thiamorpholinyl radicals; and

R²² represents alkyl radical of 1 to 3 carbon atoms.

Claim 3 (currently amended): The Compound of claim 2, or a pharmaceutically acceptable salt, prodrug or ester thereof, wherein n is 0;

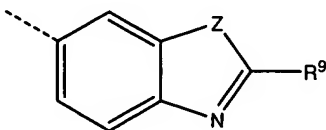
R¹ represents iso-propyl, sec-butyl, tert-butyl, 3-propynyl, imidazolylmethyl, -CH₂CONH₂, -CH₂SCH₃, -CH₂S(O)CH₃, -CH₂S(O)₂CH₃, -C(CH₃)₂SCH₃, -C(CH₃)₂S(O)CH₃ or -C(CH₃)₂S(O)₂CH₃ radicals;

~~R² represents isobutyl, n butyl, CH₃SCH₂CH₂, phenylthiomethyl, (2-naphthylthio)methyl, benzyl, 4-methoxyphenylmethyl, 4-hydroxyphenylmethyl, 4-fluorophenylmethyl or cyclohexylmethyl radicals;~~

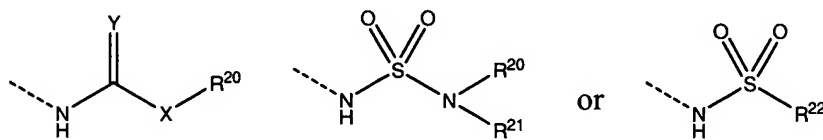
R³ represents propyl, isoamyl, isobutyl, butyl, cyclohexyl, cycloheptyl, cyclopentylmethyl or cyclohexylmethyl radicals;

R⁴ represents phenyl, 2-naphthyl, 4-methoxyphenyl, 4-hydroxyphenyl, benzothiazol-5-yl,

benzothiazol-6-yl, benzoxazol-5-yl, 2,3-dihydrobenzofuran-5-yl, benzofuran-5-yl, 1,3-benzodioxol-5-yl, 2-methyl-1,3-benzodioxol-5-yl, 2,2-dimethyl-1,3-benzodioxol-5-yl, 2,2-dideutero-1,3-benzodioxol-5-yl, 2,2-difluoro-1,3-benzodioxol-5-yl or 1,4-benzodioxan-6-yl radicals; or a radical of the formula



wherein Z represents O, S or NH; and R⁹ represents a radical of formula



wherein Y represents O, S or NH; X represents a bond, O or NR²¹;

R²⁰ represents a hydrogen radical, methyl, ethyl, propyl, isopropyl, isobutyl, benzyl, 2-(1-pyrrolidinyl)ethyl, 2-(1-piperidinyl)ethyl, 2-(1-piperazinyl)ethyl, 2-(4-methylpiperazin-1-yl)ethyl, 2-(1-morpholinyl)ethyl, 2-(1-thiamorpholinyl)ethyl or 2-(N,N-dimethylamino)ethyl radicals;

R²¹ represents a hydrogen radical; and

R²² represents methyl radical;

R¹⁰ represents a hydrogen radical, methyl or benzyl radicals;

R¹¹ represents a hydrogen radical; and

R¹² and R¹³ each independently represent a hydrogen radical, hydroxy or methoxy radicals; or R¹¹ and R¹² along with the carbon atoms to which they are attached represent a benzo radical, which is optionally substituted with at least one hydroxy or methoxy radical.

Claim 4 (currently amended): The compound of claim 3 or a pharmaceutically acceptable salt, ester, or prodrug thereof, wherein

R¹ represents sec-butyl, tert-butyl, iso-propyl, 3-propynyl or -C(CH₃)₂S(O)₂CH₃ radicals;

R^2 represents ~~benzyl, 4-fluorophenylmethyl or cyclohexylmethyl radicals;~~

R^4 represents phenyl, 4-methoxyphenyl, 4-hydroxyphenyl, benzothiazol-5-yl, benzothiazol-6-yl, 2,3-dihydrobenzofuran-5-yl, benzofuran-5-yl, 1,3-benzodioxol-5-yl, 2-methyl-1,3-benzodioxol-5-yl, 2,2-dimethyl-1,3-benzodioxol-5-yl, 2,2-dideutero-1,3-benzodioxol-5-yl, 2,2-difluoro-1,3-benzodioxol-5-yl, 1,4-benzodioxan-6-yl, 2-(methoxycarbonylamino)benzothiazol-6-yl or 2-(methoxycarbonylamino)benzimidazol-5-yl ~~radicals;~~

R^{10} represents a hydrogen radical or methyl ~~radicals;~~

R^{12} represents a hydrogen radical or hydroxy ~~radicals;~~ and

R^{13} represents a hydrogen radical.

Claim 5 (currently amended): The ~~E~~compound of claim 1 wherein said pharmaceutically acceptable salt is hydrochloric acid salt, sulphuric acid salt, phosphoric acid salt, oxalic acid salt, maleic acid salt, succinic acid salt, citric acid salt or methanesulfonic acid salt.

Claim 6 (currently amended): The ~~E~~compound of claim 5 wherein said pharmaceutically acceptable salt is hydrochloric acid salt, oxalic acid salt, citric acid salt or methanesulfonic acid salt.

Claim 7 (canceled)

Claim 8 (currently amended): A ~~E~~composition comprising a compound of claim 1 and a pharmaceutically acceptable carrier.

Claim 9 (currently amended): A ~~M~~method of inhibiting a retroviral protease comprising administering an effective amount of a compound of claim 1.

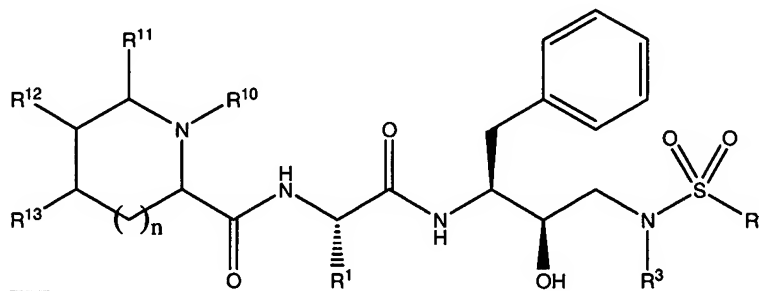
Claim 10 (currently amended): A ~~M~~method of treating a retroviral infection comprising administering an effective amount of a composition of claim 8.

Claim 11 (currently amended): A ~~M~~method of preventing replication of a retrovirus comprising administering an effective amount of a compound of claim 1.

Claim 12 (currently amended): A ~~M~~method of preventing replication of a retrovirus *in vitro* comprising administering an effective amount of a compound of claim 1.

Claim 13 (currently amended): A ~~M~~ethod of treating AIDS comprising administering an effective amount of a composition of claim 8.

Claim 14 (new): The compound of claim 1 represented by the formula



or a pharmaceutically acceptable salt, prodrug or ester thereof.